



533 Rec'd PCT/PTO 18 AUG 2000

LAW OFFICES

ERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP

600 SOUTH AVENUE WEST

WESTFIELD, NEW JERSEY 07090-1497

(908) 654-5000

FAX: (908) 654-7866

www.ldlkm.com

PATENTS, TRADEMARKS AND COPYRIGHTS

August 16, 2000

SIDNEY DAVID
JOSEPH S. LITTENBERG
ARNOLD H. KRUMHOLZ
WILLIAM L. MENTLIK
JOHN R. NELSON
ROY H. WEPNER
STEPHEN B. GOLDMAN
CHARLES P. KENNEDY
PAUL H. KOCHANSKI
MARCUS J. MILLET
BRUCE H. SALES
ARNOLD B. DOMPIERI
KEITH E. GILMAN
ROBERT B. COHEN
MICHAEL H. TESCHNER
GREGORY S. GEWIRTZ
JONATHAN A. DAVID
SHAWN P. FOLEY*

THOMAS M. PALISI
STEPHEN F. ROTH
KIMBERLY V. PERRY
JASON I. GARBE
RENÉE M. ROBESON
LYNNE A. BORCHERS*
PETER A. CICALA
MICHAEL J. DOHERTY
MICHAEL J. WALLACE, JR.*
MATTHEW B. DERNIER
ROBERT H. CLAUSSEN
J. KIRKLAND DOUGLASS
ROBERT J. SCHEFFEL
SCOTT S. SERVILLA

OF COUNSEL
LAWRENCE I. LERNER
DANIEL H. BOBIS
RAYMOND W. AUGUSTINA
HARVEY L. COHEN
JEFFREY S. DICKEY

*NORTH CAROLINA BAR ONLY
*NEW YORK BAR ONLY
*NEW YORK, CONNECTICUT
AND DISTRICT OF
COLUMBIA BARS ONLY

Assistant Commissioner For Patents
Office of Initial Patent Examination
Customer Service Center
Washington, D.C. 20231

Re: Our File: GAMBRO 3.3-246
Appln. No. 09/581,352
Filing Date: June 9, 2000
Group Art Unit: 2764

Dear Sir:

We are enclosing herewith copies of the filing receipt and transmittal letter for the above-identified patent application.

Please note that the *Drawings* should read --3--.

Kindly issue a corrected filing receipt for the above-identified application as soon as possible.

Sincerely yours,

LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLP

ARNOLD H. KRUMHOLZ
Reg. No. 25,428

/tf

Enclosures

268928_1.DOC

GAMBRO-246

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.
PCT/SE98/02212

INTERNATIONAL FILING DATES
2 DECEMBER 1998

PRIORITY DATE CLAIMED
9 DECEMBER 1997

TITLE OF INVENTION METHOD AND DEVICE FOR CALCULATING DIALYSIS EFFICIENCY

APPLICANT(S)
FOR DO/EO/US

Jan STERNBY

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371 (f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371 (b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371 (c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). (**Executed**)
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98; w/PTO-1449; 5 references
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 & 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☒ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:

Marked-up Specification with Inserts A, B & C

Substitute Abstract

Copy of International Application as published

Copy of International Preliminary Examination Report

Three (3) Sheets of Drawings

EXPRESS MAIL LABEL NO. — EL 458418896US
DATE: June 9, 2000

RECEIVED
AUG 30 2000
TECH CENTER 2700

U.S. APPLICATION NO. (if known, see 37 CFR 1.51) INTERNATIONAL APPLICATION NO.
PCT/SE98/02212ATTORNEY'S DOCKET NUMBER
GAMBRO-24617. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**

- ☒ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$970.00
- ☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$840.00
- ☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$690.00
- ☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$670.00
- ☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$96.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$970.00

Surcharge of \$130.00 for furnishing the oath or declaration later than
☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	14* - 20 =		x \$18.00
Independent claims	2 - 3 =		x \$78.00
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+ \$260.00

TOTAL OF ABOVE CALCULATIONS =

\$970.00

Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).

SUBTOTAL =

\$970.00

Processing fee of \$130.00 for furnishing the English translation later than
☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). +

TOTAL NATIONAL FEE =

\$970.00

Fee for recording the enclosed assignment (37 CFR 1.21 (h)). Assignment must be accompanied by appropriate cover sheet (37 CFR 3.28, 3.31) +
 (\$40.00 per property).

See
FormRecordation
Cover Sheet**TOTAL FEES ENCLOSED =**

\$970.00

*As in Preliminary Amendment

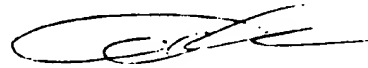
Amount to be:
Refunded
Charged

- a. ☐ A check in the amount of _____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 12-1095 in the amount of \$970.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to my Deposit Account No. 12-1095. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

**Lerner, David, Littenberg,
 Krumholz & Mentlik, LLP**
 600 South Avenue West
 Westfield, NJ 07090
 Telephone 908 654-5000
 Facsimile 908 654-7866



Signature

ARNOLD H. KRUMHOLZ

Name

25,428

Registration Number

FILING RECEIPT

OC000000005242958

**533 Rec'd PCT/PTO 18 AUG 2000****UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**Address: ASSISTANT SECRETARY AND
COMMISSIONER OF PATENT AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/581,352	06/09/2000	2764	970	GAMBRO-3.3-246	—	1	1

000530
 LERNER, DAVID, LITTENBERG,
 KRUMHOLZ & MENTLIK
 600 SOUTH AVENUE WEST
 WESTFIELD, NJ 07090

Date Mailed: 07/18/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

JAN STERNBY, LUND, SWEDEN;

Continuing Data as Claimed by Applicant

THIS APPLICATION IS A 371 OF PCT/SE98/02212 12/02/1998

Foreign Applications

FRANCE 9715818 12/09/1997
 FRANCE 9801963-1 06/02/1998

If Required, Foreign Filing License Granted 07/14/2000

LDLK & M**JUL 24 2000****Title**

METHOD AND DEVICE FOR CALCULATING DIALYSIS EFFICIENCY

RECEIVED**Preliminary Class**

700

Data entry by : ORDENEZ, MARTA

Team : OIPE

Date: 07/18/2000



**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, DC 20231